

UNCLASSIFIED

CLASSIFICATION:

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|---|--|---------|---------|---|---------|-------------------------------|---------|
| EXHIBIT R-2, RDT&E Budget Item Justification | | | | | | DATE: February 2006 | |
| APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-7 | PROGRAM ELEMENT NUMBER AND NAME 0305208N Distributed Common Ground Systems (DCGS) | | | PROJECT NUMBER AND NAME 2174/9440/9652 CIGSS/ETSS/PAX Node | | | |
| COST (\$ in Millions) | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Total PE Cost | 13.029 | 12.141 | 16.587 | 10.748 | 8.226 | 8.876 | 9.026 |
| 2174 CIGSS (DCGS-N) | 6.494 | 12.141 | 16.587 | 10.748 | 8.226 | 8.876 | 9.026 |
| 9440 Enterprise Targeting and Strike System | 2.772 | | | | | | |
| 9652 TES-N/DCGS-N Node at PAX River | 3.763 | | | | | | |
| (U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: | | | | | | | |
| <p>As outlined in the Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN RDA) Memorandum dated 23 JAN 2004, ASN RDA has directed the programmatic merging of the previously separate Joint Service Imagery Processing System-Navy (JSIPS-N) and Joint Fires Network (JFN) programs. This new, merged program construct is hereafter referred to as the Distributed Common Ground Station-Navy (DCGS-N). Attendant to this merger, the Office of the Secretary of Defense (OSD) directed that all Budget Line Items (BLIs) associated with Program Elements (PEs) 0305208N (JSIPS-N) and 0204228N (JFN) be programmatically merged in FY05, and finally combined under the existing 0305208N PE beginning FY06 throughout the balance of the merged program life cycle. As such, the FY05 through FY06 funding breakouts represent the post merge DCGS-N merged program construct.</p> <p>The Distributed Common Ground System – Navy (DCGS-N) is the Navy's portion of the OSD DCGS effort. DCGS is a cooperative effort between the services, agencies, and DoD to provide systems capable of automating, coordinating, and correlating, in real time, the reception, processing, exploiting, storing and disseminating of multiple source intelligence (MULTI-INT) from airborne and national reconnaissance assets to provide time-critical fire control solutions for advanced weapon systems and sensors and situational awareness to support C2 decision making and planning. DCGS utilizes the entire spectrum of available intelligence data including Signals Intelligence (SIGINT) data, Multi-Intelligence Reconnaissance data, and Imagery Intelligence (IMINT). The automation/correlation provided by DCGS-N will provide the Navy an ability to quickly target and re-target precision strike weapons, greatly enhancing their effectiveness and lethality.</p> <p>DCGS-N brings together the proven imagery exploitation capabilities of Joint Services Imagery Processing System – Navy (JSIPS-N) Tactical Input Segment (TIS) and the precision mensuration capability of the Precision Targeting Workstation (PTW) and merges them with the Time Critical Strike/Targeting (TCS/T) capability developed by the Joint Fires Network (JFN) and disseminates this throughout the ashore and afloat nodes through the Joint Concentrator Architecture (JCA). This converged capability provides unparalleled flexibility to the warfighter and rapid response capability against rapidly relocatable, time critical targets.</p> <p>DCGS-N will become part of the DoD DCGS Network Enterprise via the DCGS Integration Backbone (DIB). Engineering work is funded to migrate legacy JFN/JSIPS systems to this network environment. As DCGS 10.2 is developed by the Air Force, DCGS-N will stay abreast of expanding requirements and ensure compliance with the DoD DCGS network architecture.</p> <p>DCGS-N procurement plans are based on the purchase of two (2) DCGS-N 1.0 Systems in FY05 for installation in FY06 and OPEVAL in FY07. Post testing, the program plan is based on the procurement of six (6) DCGS-N Systems in FY07, twelve (12) systems in FY08, seven (7) systems in FY09 and seven (7) systems in FY10. These new installations will replace the existing legacy JSIPS/JFN systems currently fielded. This purchase profile reaches the required 34 system FOC target and removes all legacy systems by EOY FY10. Beginning in FY10, Commercial-off-the-Shelf (COTS) refreshes of the 34 existing systems will begin.</p> | | | | | | | |

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Exhibit R-4a, Schedule Detail
(Exhibit R-4a, page 1 of 11)

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| EXHIBIT R-2a, RDT&E Project Justification | | | | | | DATE: February 2006 | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7 | PROGRAM ELEMENT NUMBER AND NAME 0305208N Distributed Common Ground Systems (DCGS) | | | PROJECT NUMBER AND NAME 2174/9440/9652 CIGSS/ETSS/PAX Node | | | |
| COST (\$ in Millions) | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Project Cost | 13.029* | 12.141 | 16.587 | 10.748 | 8.226 | 8.876 | 9.026 |
| RDT&E Articles Qty | | | | | | | |

*Funding includes FY05 Congressional adds for: DCGS-N Node Pax River - \$3.763M, Enterprise Targeting and Strike System - \$2.772M

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: As outlined in the Assistant Secretary of the Navy for Research, Development, and Acquisition (ASN RDA) Memorandum dated 23 JAN 2004, ASN RDA has directed the programmatic merging of the previously separate Joint Service Imagery Processing System-Navy (JSIPS-N) and Joint Fires Network (JFN) programs. This new, merged program construct is hereafter referred to as the Distributed Common Ground Station-Navy (DCGS-N). Attendant to this merger, the Office of the Secretary of Defense (OSD) directed that all Budget Line Items (BLIs) associated with Program Elements (PEs) 0305208N (JSIPS-N) and 0204228N (JFN) be programmatically merged in FY05, and finally combined under the existing 0305208N PE beginning FY06 throughout the balance of the merged program life cycle. As such, the FY05 through FY06 funding breakouts represent the post merge DCGS-N merged program construct.

The Distributed Common Ground System – Navy (DCGS-N) is the Navy's portion of the OSD DCGS effort. DCGS is a cooperative effort between the services, agencies, and DoD to provide systems capable of automating, coordinating, and correlating, in real time, the reception, processing, exploiting, storing and disseminating of multiple source intelligence (MULTI-INT) from airborne and national reconnaissance assets to provide time-critical fire control solutions for advanced weapon systems and sensors and situational awareness to support C2 decision making and planning. DCGS utilizes the entire spectrum of available intelligence data including Signals Intelligence (SIGINT) data, Multi-Intelligence Reconnaissance data, and Imagery Intelligence (IMINT). The automation/correlation provided by DCGS-N will provide the Navy an ability to quickly target and re-target precision strike weapons, greatly enhancing their effectiveness and lethality.

DCGS-N brings together the proven imagery exploitation capabilities of Joint Services Imagery Processing System – Navy (JSIPS-N) Tactical Input Segment (TIS) and the precision mensuration capability of the Precision Targeting Workstation (PTW) and merges them with the Time Critical Strike/Targeting (TCS/T) capability developed by the Joint Fires Network (JFN) and disseminates this throughout the ashore and afloat nodes through the Joint Concentrator Architecture (JCA). This converged capability provides unparalleled flexibility to the warfighter and rapid response capability against rapidly relocatable, time critical targets.

DCGS-N will become part of the DoD DCGS Network Enterprise via the DCGS Integration Backbone (DIB). Engineering work is funded to migrate legacy JFN/JSIPS systems to this network environment. As DCGS 10.2 is developed by the Air Force, DCGS-N will stay abreast of expanding requirements and ensure compliance with the DoD DCGS network architecture.

DCGS-N procurement plans are based on the purchase of two (2) DCGS-N 1.0 Systems in FY05 for installation in FY06 and OPEVAL in FY07. Post testing, the program plan is based on the procurement of six (6) DCGS-N Systems in FY07, twelve (12) systems in FY08, seven (7) systems in FY09 and seven (7) systems in FY10. These new installations will replace the existing legacy JSIPS/JFN systems currently fielded. This purchase profile reaches the required 34 system FOC target and removes all legacy systems by EOY FY10. Beginning in FY10, Commercial-off-the-Shelf (COTS) refreshes of the 34 existing systems will begin.

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Exhibit R-4a, Schedule Detail
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| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2006 | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7 | PROGRAM ELEMENT NUMBER AND NAME 0305208N/Distributed Common Ground Systems (DCGS) | PROJECT NUMBER AND NAME 2174 CIGSS | |
| B. Accomplishments/Planned Program | | | |
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 2.643 | 6.557 | 6.174 |
| RDT&E Articles Quantity | | | |
| <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> DCGS-N Spiral Development - Primary and ancillary system software design/development and related activities for the DCGS-N Spiral 1. Spiral 1 is currently planned to progress through three major versions during the FY05-FY07 timeframe with design/development activities for v1.0 primarily taking place in FY05, v1.1 primarily taking place in FY06 and v1.2 beginning in FY07. </div> | | | |
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 2.129 | 4.429 | 4.325 |
| RDT&E Articles Quantity | | | |
| <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> DCGS-N Systems Engineering - Requirements derivation and integration activities related to the DCGS-N Spiral 1 and 2. Requirements derivation for the three planned Spiral 1 versions is planned to take place between FY05 and FY07. Integration of system components related to the three versions of Spiral 1 will start in FY05, spanning through FY07 and beyond. </div> | | | |
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 1.722 | 1.155 | 1.338 |
| RDT&E Articles Quantity | | | |
| <div style="border: 1px solid black; padding: 5px; min-height: 50px;"> DCGS-N Test and Evaluation - Combined system T&E activities, both ashore and afloat for the Spiral 1 DCGS-N systems. During the FY05-FY07 timeframe contractor, program level and government activity testing of the DCGS-N Spiral 1 systems will take place in preparation for a planned Spiral 1 OPEVAL in FY07. </div> | | | |

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Exhibit R-4a, Schedule Detail
(Exhibit R-4a, page 3 of 11)

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| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2006 | |
| APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-7 | PROGRAM ELEMENT NUMBER AND NAME 0305208N/Distributed Common Ground Systems (DCGS) | PROJECT NUMBER AND NAME 2174 CIGSS | |

B. Accomplishments/Planned Program (Cont.)

| | | | |
|--------------------------------------|-------|-------|-------|
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 0.000 | 0.000 | 3.000 |
| RDT&E Articles Quantity | | | |

DCGS-N Testbeds - Funds the Navy's contribution to the Distributed Deveopment, Test, Demonstration, and Experimentation Network. This effort will establish a distributed net-centric approach to demonstate, test, and evaluate DCGS joint interoperability among Service DCGS Integration Labs, Agency test facilities, DCGS Imagery Testbed, and the Joint Systems Integration Center.

| | | | |
|--------------------------------------|-------|-------|-------|
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 0.000 | 0.000 | 1.000 |
| RDT&E Articles Quantity | | | |

Common Security and Discovery Services - Funds to migrate to common security and discovery services via Net-Centric Enterprise Services (NCES) Early Adopter Program. This effort will improve the coordination and the acceleration of the introduction of NCES services into the DCGS/ISR enterprise.

| | | | |
|--------------------------------------|-------|-------|-------|
| | FY 05 | FY 06 | FY 07 |
| Accomplishments/Effort/Subtotal Cost | 0.000 | 0.000 | 0.750 |
| RDT&E Articles Quantity | | | |

Concept of Operations (CONOPS) - Funds to develop a CONOPS that ensures DCGS interoperability with Services and Coalition partners. This effort is necessary to maximize ISR processing capability and provide a common understanding of the direction and means to the desired end-state.

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|--|--|--|-------|-------|-------|-------|--------------------------------------|--|--|--|-------------------------|-------|-------|-------|--|-------|-------|-------|--------------------------------------|--|--|--|-------------------------|-------|-------|-------|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2006 | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7 | PROGRAM ELEMENT NUMBER AND NAME 0305208N Distributed Common Ground Systems (DCGS) | PROJECT NUMBER AND NAME 9440/9652 eTSS/PAX River Node | | | | | | | | | | | | | | | | | | | | | | | | |
| CONGRESSIONAL PLUS-UPS: <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"><tr><td style="width: 30%;"></td><td style="width: 15%; text-align: center;">FY 05</td><td style="width: 15%; text-align: center;">FY 06</td><td style="width: 15%; text-align: center;">FY 07</td></tr><tr><td>Accomplishments/Effort/Subtotal Cost</td><td></td><td></td><td></td></tr><tr><td>RDT&E Articles Quantity</td><td style="text-align: center;">2.772</td><td style="text-align: center;">0.000</td><td style="text-align: center;">0.000</td></tr></table> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Enterprise Targeting and Strike System (eTSS) - Congressional Plus Up to mitigate the risk of legacy component integration with a service-oriented DCGS Integration Backbone (DIB)-like infrastructure by using the eTSS infrastructure. Integration of eTSS in the DCGS-N Spiral 1 effort allows for the development of Navy specific metadata catalog elements, Java Connector Adapters (JCA), Enterprise Java Beans (EJB) and workflows capabilities.</div> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"><tr><td style="width: 30%;"></td><td style="width: 15%; text-align: center;">FY 05</td><td style="width: 15%; text-align: center;">FY 06</td><td style="width: 15%; text-align: center;">FY 07</td></tr><tr><td>Accomplishments/Effort/Subtotal Cost</td><td></td><td></td><td></td></tr><tr><td>RDT&E Articles Quantity</td><td style="text-align: center;">3.763</td><td style="text-align: center;">0.000</td><td style="text-align: center;">0.000</td></tr></table> <div style="border: 1px solid black; padding: 5px;">DCGS-N Node Pax River - Congressional Plus Up for development of a land-based DCGS-N system at Patuxent River Naval Air Station. This system will support the Maritime Domain Awareness mission supporting the Department of Homeland Security and the Global War on Terror.</div> | | | | FY 05 | FY 06 | FY 07 | Accomplishments/Effort/Subtotal Cost | | | | RDT&E Articles Quantity | 2.772 | 0.000 | 0.000 | | FY 05 | FY 06 | FY 07 | Accomplishments/Effort/Subtotal Cost | | | | RDT&E Articles Quantity | 3.763 | 0.000 | 0.000 |
| | FY 05 | FY 06 | FY 07 | | | | | | | | | | | | | | | | | | | | | | | |
| Accomplishments/Effort/Subtotal Cost | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDT&E Articles Quantity | 2.772 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | |
| | FY 05 | FY 06 | FY 07 | | | | | | | | | | | | | | | | | | | | | | | |
| Accomplishments/Effort/Subtotal Cost | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDT&E Articles Quantity | 3.763 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | |

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| EXHIBIT R-2a, RDT&E Project Justification | | | DATE: | |
| | | | February 2006 | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME | | |
| RDT&E, N / BA-7 | 0305208N/Distributed Common Ground Systems (DCGS) | 2174/9440/9652 CIGSS/ETSS/PAX Node | | |
| C. PROGRAM CHANGE SUMMARY: | | | | |
| | | | | |
| Funding: | | FY 2005 | FY 2006 | FY 2007 |
| Previous President's Budget: (PB 06) | | 13.033 | 12.354 | 11.735 |
| Current President's Budget (PB 07 Controls) | | 13.029 | 12.141 | 16.587 |
| Total Adjustments | | -0.004 | -0.213 | 4.852 |
| Summary of Adjustments | | | | |
| Congressional Reductions | | | -0.157 | |
| Congressional Rescissions | | | | |
| Congressional Undistributed Reductions | | -0.008 | | |
| Programmatic Adjustments | | | | 4.750 |
| Congressional Increases | | | | |
| Economic Assumptions | | | -0.056 | |
| Miscellaneous Adjustments | | 0.004 | | 0.102 |
| Subtotal | | -0.004 | -0.213 | 4.852 |
| Schedule: | | | | |
| Post PB06, the requirements from CFFC and OPNAV for the DCGS-N became more firm. Particularly, additional time sensitive requirements were added that were too late to be added to the 1.0/1.1 versions of spiral one, but were desired in a timeframe that would not be supported by the spiral two development timeline. Consequently, a new build was added between 1.1 and 2.0 to capture these new requirements, which resulted in the 2.0 development effort being pushed to the right. | | | | |
| Technical: | | | | |
| N/A | | | | |

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Exhibit R-4a, Schedule Detail
(Exhibit R-4a, page 6 of 11)

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| EXHIBIT R-2a, RDT&E Project Justification | | | | | | | | DATE: February 2006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|---------|--|---------|---------|---|---------|-------------------------------|---------------|----------------------|---------|---------|---------|---------|---------|---------|---------|----------------|---------------|---|------|--|--|--|--|--|--|---|-------|--|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| APPROPRIATION/BUDGET ACTIVITY RDTE, N / BA-7 | | | PROGRAM ELEMENT NUMBER AND NAME 0305208N/Distributed Common Ground Systems (DCGS) | | | PROJECT NUMBER AND NAME 2174/9440/9652 CIGSS/ETSS/PAX Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>D. OTHER PROGRAM FUNDING SUMMARY:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Line Item No. & Name</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2005</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2006</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2007</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2008</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2009</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2010</th> <th style="text-align: center; border-bottom: 1px solid black;">FY 2011</th> <th style="text-align: center; border-bottom: 1px solid black;">To Complete</th> <th style="text-align: center; border-bottom: 1px solid black;">Total Cost</th> </tr> </thead> <tbody> <tr> <td>OPN LI 5112/ Naval Fires Control System</td> <td style="text-align: center;">0.99</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0.997</td> </tr> <tr> <td>OPN LI 2914/ Common Imagery Ground Surface Systems</td> <td style="text-align: center;">49.59</td> <td style="text-align: center;">20.15</td> <td style="text-align: center;">78.32</td> <td style="text-align: center;">101.06</td> <td style="text-align: center;">82.41</td> <td style="text-align: center;">84.28</td> <td style="text-align: center;">86.32</td> <td style="text-align: center;">Cont.</td> <td style="text-align: center;">Cont.</td> </tr> </tbody> </table> <p>E. ACQUISITION STRATEGY:</p> <p>The production DCGS-N Converged Architecture (DCA) system consists of four legacy transitional elements including the Joint Fires Network (JFN), Precision Targeting Workstation (PTW), Joint Concentrator Architecture (JCA)/National Input Segment (NIS), and Tactical Input Segment (TIS) application. The JFN is already in production and is an integrated DCA segment. The JCA/NIS is also in full rate production and is supplied as Government Furnished Equipment (GFE) by the National Geo-spatial Agency (NGA). The TIS application is acquired from the Air Force Electronic Systems Center (ESC) at Hanscom AFB. The TIS includes a Common Imagery Processor (CIP) that is supplied as GFE to the integrating contractor and is an integrated component element within the DCA. The government is the system integrator for the DCGS-N system.</p> | | | | | | | | | | Line Item No. & Name | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Cost | OPN LI 5112/ Naval Fires Control System | 0.99 | | | | | | | 0 | 0.997 | OPN LI 2914/ Common Imagery Ground Surface Systems | 49.59 | 20.15 | 78.32 | 101.06 | 82.41 | 84.28 | 86.32 | Cont. | Cont. |
| Line Item No. & Name | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | To Complete | Total Cost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPN LI 5112/ Naval Fires Control System | 0.99 | | | | | | | 0 | 0.997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPN LI 2914/ Common Imagery Ground Surface Systems | 49.59 | 20.15 | 78.32 | 101.06 | 82.41 | 84.28 | 86.32 | Cont. | Cont. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Exhibit R-4a, Schedule Detail
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| Exhibit R-3 Cost Analysis (page 1) | | | | DATE: February 2006 | | | | | | | | |
|------------------------------------|------------------------|--|-----------------|------------------------------------|------------------|------------|------------------|------------|------------------|------------------|------------|--------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | PROGRAM ELEMENT | | PROJECT NUMBER AND NAME | | | | | | | | |
| RDT&E, N / BA-7 | | 0305208N/Distributed Common Ground Systems | | 2174/9440/9652 CIGSS/ETSS/PAX Node | | | | | | | | |
| Cost Categories | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 05 Cost | FY 05 Award Date | FY 06 Cost | FY 06 Award Date | FY 07 Cost | FY 07 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Primary Hardware Development | MIPR | HQ/SAF, Various | | 3.763 | 11/04 | | | | | | 3.763 | |
| Ancillary Hardware Development | | | | | | | | | | | | |
| Component Development | | | | | | | | | | | | |
| Ship Integration | | | | | | | | | | | | |
| Ship Suitability | | | | | | | | | | | | |
| Systems Engineering | MIPR | BAE, HQ/SAF, MIT/LL, Various | | 2.129 | 11/04 | 4.429 | 11/05 | 4.325 | 11/06 | Continuing | Continuing | |
| Training Development | | | | | | | | | | | | |
| Licenses | | | | | | | | | | | | |
| Tooling | | | | | | | | | | | | |
| GFE | | | | | | | | | | | | |
| Award Fees | | | | | | | | | | | | |
| Subtotal Product Development | | | 0.000 | 5.892 | | 4.429 | | 4.325 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Development Support | MIPR | NAWC CL, Various | | | | | | 1.750 | 11/06 | Continuing | Continuing | |
| Software Development | MIPR | BAE, HQ/SAF, Various | | 5.415 | 11/04 | 6.557 | 11/05 | 6.174 | 11/06 | Continuing | Continuing | |
| Software Development (SAIP) | | | | | | | | | | | | |
| Training Development | | | | | | | | | | | | |
| Integrated Logistics Support | | | | | | | | | | | | |
| Configuration Management | | | | | | | | | | | | |
| Technical Data | | | | | | | | | | | | |
| GFE | | | | | | | | | | | | |
| Award Fees | | | | | | | | | | | | |
| Subtotal Support | | | 0.000 | 5.415 | | 6.557 | | 7.924 | | Continuing | Continuing | |

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| Exhibit R-3 Cost Analysis (page 2) | | | | | DATE: February 2006 | | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7 | | PROGRAM ELEMENT 0305208N/Distributed Common Ground Systems (DCGS) | | | PROJECT NUMBER AND NAME 2174/9440/9652 CIGSS/ETSS/PAX Node | | | | | | | |
| Cost Categories | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 05 Cost | FY 05 Award Date | FY 06 Cost | FY 06 Award Date | FY 07 Cost | FY 07 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Developmental Test & Evaluation | MIPR | HQ/SAF, NAWC CL, Various | | 1.722 | 11/04 | 1.155 | 11/05 | 4.338 | 11/06 | Continuing | Continuing | |
| Operational Test & Evaluation | | | | | | | | | | | | |
| Live Fire Test & Evaluation | | | | | | | | | | | | |
| Test Assets | | | | | | | | | | | | |
| Tooling | | | | | | | | | | | | |
| GFE | | | | | | | | | | | | |
| Award Fees | | | | | | | | | | | | |
| Subtotal T&E | | | 0.000 | 1.722 | | 1.155 | | 4.338 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Contractor Engineering Support | | | | | | | | | | | | |
| Government Engineering Support | | | | | | | | | | | | |
| Program Management Support | | | | | | | | | | | | |
| Travel | | | | | | | | | | | | |
| Labor (Research Personnel) | | | | | | | | | | | | |
| SBIR Assessment | | | | | | | | | | | | |
| Subtotal Management | | | 0.000 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.000 | |
| Remarks: | | | | | | | | | | | | |
| Total Cost | | | 0.000 | 13.029 | | 12.141 | | 16.587 | | Continuing | Continuing | |
| | | | | | | | | | | | | |

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February 2006

R-1 SHOPPING LIST - Item No. 206

Exhibit R-4a, Schedule Detail
(Exhibit R-4a, page 10 of 11)

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CLASSIFICATION:

| Exhibit R-4a, Schedule Detail | | | | | | DATE: February 2006 | | |
|--|------------------------------------|--|---------|---------|---|------------------------|---------|---------|
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-7 | | PROGRAM ELEMENT 0305208N Distributed Common Ground Systems (DCGS) | | | PROJECT NUMBER AND NAME 2174/9440/9652 CIGSS/ETSS/PAX Node | | | |
| Schedule Profile | | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Fleet Experiments | | | | | | | | |
| | DCGS-N 1.1 OPEVAL | | | 3Q-4Q | | | | |
| | DCGS-N 1.2 FOT&E | | | | | 2Q-3Q | | |
| | DCGS-N 2.0 OPEVAL | | | | | | | 3Q-4Q |
| Spiral development | | | | | | | | |
| | DIB Integration and Test | 1Q-4Q | | | | | | |
| | DCGS-N 1.0 Development | 1Q-4Q | 1Q | | | | | |
| | DCGS-N 1.1 Development | | 2Q-3Q | | | | | |
| | DCGS-N 1.2 Development | | | 2Q-4Q | 1Q-3Q | | | |
| | DCGS-N 2.0 Development | | | | | 3Q-4Q | 1Q-2Q | |
| | DCGS-N Follow On Development | | | | | | | 1Q-4Q |
| Acquisition Program | | | | | | | | |
| | Sustain/Phase Out Legacy Equipment | 1Q-4Q | 1Q-4Q | 1Q-4Q | 1Q-4Q | 1Q-4Q | 1Q-4Q | |
| | DCGS-N Procurement | 3Q-4Q | | 1Q-4Q | 1Q-4Q | 1Q-4Q | 1Q-4Q | |
| | DCGS-N 1.1 IOC | | | 4Q | | | | |
| | DCGS-N 1.2 IOC | | | | | 4Q | | |
| | Recurring Product Improvement/P3I | | | | | | 1Q-4Q | 1Q-4Q |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

R-1 SHOPPING LIST - Item No.

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Exhibit R-4a, Schedule Detail
(Exhibit R-4a, page 11 of 11)

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